



To the Honorable Commissioner of Patent:

102156328

original documents or copy thereof.

1. Name of conveying party(ies):

Mark Edward Kane; James Francis SHOCKLEY; and
Harrison Thomas HICKENLOOPER

7-2-02

2. Name and address of receiving party(ies):

Name: Quantum Engineering, Inc.
Address: 352 Stowe Avenue
Orange Park, FL 32073

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of Conveyance:

- Assignment
- Security Agreement
- Other
- Merger
- Change of Name

Execution Date: June 26, 2002

Additional name(s) and address(es) attached? Yes No



4. Application number(s) or patent number(s):

10186426

If this document is being filed together with a new application, the execution date of the application is: June 26, 2002

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Supervisor, Patent Prosecution Services
PIPER RUDNICK LLP
1200 Nineteenth Street, N.W.
Washington, D.C. 20036-2412
Telephone No. (202) 861-3900
Facsimile No. (202) 223-2085

6. Total applications and patents involved: One

7. Total fee (37 CFR 3.41): \$40.00

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number: 50-1442

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9. Statement and signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

James M. Heintz

Name of Person Signing

Registration Number: 41,828

Signature

July 2, 2002

Date

Total number of pages including this cover sheet: 3

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Washington, D.C. 20231

07/09/2002 MBELETE1 00000032 10186426

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Assignment of Application

WHEREAS, I (we), _____

Mark Edward KANE of 2653 Holly Point Drive, Orange Park, FL 32073;

James Francis SHOCKLEY of 3011 Doctors Lake Drive, Orange Park, FL 32073; and

Harrison Thomas HICKENLOOPER, of Rt. 3, Box 1830, Palatka, FL 32177

_____, respectively,

have invented certain new and useful improvements in: TRAIN CONTROL

SYSTEM AND METHOD OF CONTROLLING A TRAIN OR TRAINS

for which an application for Letters Patent was executed on June 26, 2002

(Application No. _____, Filed _____); and

WHEREAS, Quantum Engineering, Inc.

(hereinafter referred to as "ASSIGNEE"), having a place of business at:
352 Stowe Avenue, Orange Park, FL 32073

is desirous of acquiring the full and exclusive right in and to said Invention and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries;

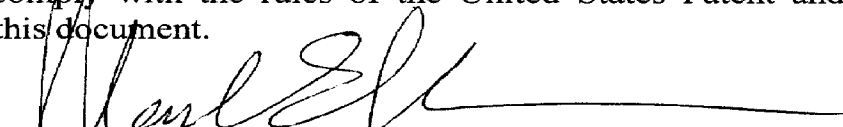
NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, I (we), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right in and to said Invention in the United States and its territorial possessions and in any and all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, continuations, substitutions, renewals and reissues thereof.

I (we) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and in any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE and said ASSIGNEE's successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

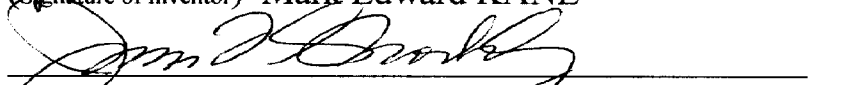
Further, I (we) agree that I (we) will communicate to said ASSIGNEE or said ASSIGNEE's representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally, do everything possible to aid said ASSIGNEE, and said ASSIGNEE's successors and assigns, to obtain and enforce proper protection for said Invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Piper Rudnick LLP, Attorneys at Law, 1200 Nineteenth Street, N.W., Washington, D.C. 20036-2412, the power to insert on this Assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.


Date: 6/26/02


(Signature of Inventor) Mark Edward KANE

Date: 6/26/02


(Signature of Inventor) James Francis SHOCKLEY

Date: 6/26/02


(Signature of Inventor) Harrison Thomas HICKENLOPPER

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

PIPER RUDNICK LLP
1200 NINETEENTH STREET, N.W.
WASHINGTON, D.C. 20036-2412